SMT-5100 Phone User Guide

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SAFETY CONCERNS

For product safety and correct operation, the following information must be given to the operator/user and shall be read before the installation and operation.

Conventions / Symbols

WARNING This paragraph contains safety instructions that users must follow in order to avoid personal injuries.		This icon indicates a general caution.	
CAUTION This paragraph contains instructions that users must follow in order to avoid service failures or system damages.		This icon indicates specific actions that must be avoided when handling a product.	
NOTE This paragraph contains supplementary information that should be read as a reference.		This icon indicates specific actions that must be executed by the user.	

Warning

WARNING

Do not connect conductive objects, such as neckless or coins, to the charging phones of the battery(metallic part).

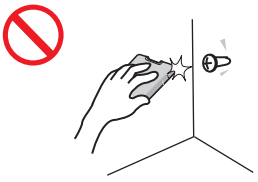
The object may explode and cause fire due to overheating.

Use only the charger provided with the SMT-W5100E phone.

Using other chargers can result in overheating or explosion and may cause malfunction.

Do not make a call nearby a microwave or Bluetooth products in use.

It may cause disconnection during the call.



The battery shall be used only for the SMT-W5100E phone.

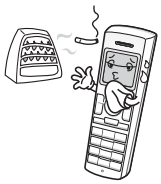
Using the battery for other purposes may cause malfunction, fire, or electric shock.

Do not put instruments that contain water such as vases, cups, cosmetics, and medicines, or small metals near the phone.

Moisture in the phone can cause a fire and electric shocks.

Do not place the phone in a dusty area or in fluctuating temperature environments.

It may cause a fire or electric shocks.



Do not install the phone near a heater(cigarette lighter, heating apparatus, etc.).

It may cause a fire or electric shocks.

Do not use inflammable solvent or material near the phone. Do not store them near the phone.

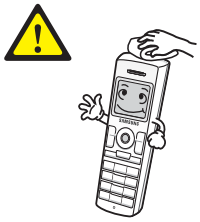
It may cause a fire or electric shocks.

If the phone makes(horrible) noise, bad smell, or smoke, immediately call the Service Center.

It may cause a fire or electric shocks.

CAUTION

Before execute the [MENU] ▶ [8. System] ▶ [3. Unregistration], double check whether this function should be executed since all phone information registered to the system will be deleted.



Use a soft dry cloth to clean the phone. Do not use any chemical solvents like wax, benzene, alcohol, thinner, mosquito spray, aerosol, lubricant, or detergent.

The use of chemicals on the phone may cause fading/discoloring or damage to the parts.

Do not install the phone on an unstable place or near the direct rays of sunlight.

It may cause severe damage to the parts of the phone, and your phone may not work properly.

Do not separate, repair nor remodel the phone arbitrarily.

If a repair is needed, please contact where the phone was purchased or call the Service Center.

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PREPARATION

About This Guide

This user guide provides instructions for the use of Samsung's latest SMT-W5100E mobile phone. Please take the time to study this guide to become familiar with the operation of your SMT-W5100E and the benefits this new phone can provide. Keep this guide handy. You may need to look up instructions for infrequently used features.

Overview of SMT-W5100E

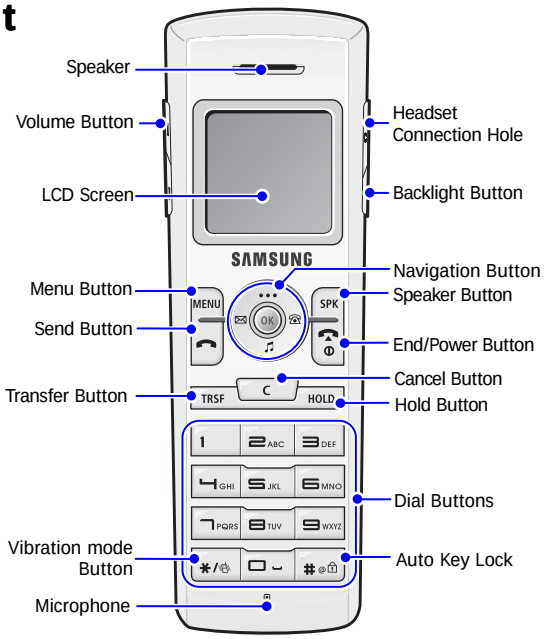
The SMT-W5100E(Wireless IP-Phone Mobile type) is the wireless mobile phone that allows a voice communication through IEEE 802.11b/g wireless LAN.

SMT-W5100E supports voice communication using IEEE802.11b/g WLAN. Based on IEEE802.11b/g standard, VoIP voice signals received are compressed to a voice CODEC and transferred as data packets.

Data terminals such as PDA and laptop PC that support wireless connection can be used along with the SMT-W5100E.

Phone Layout

The following figure shows the main elements of your phone.



Button Description

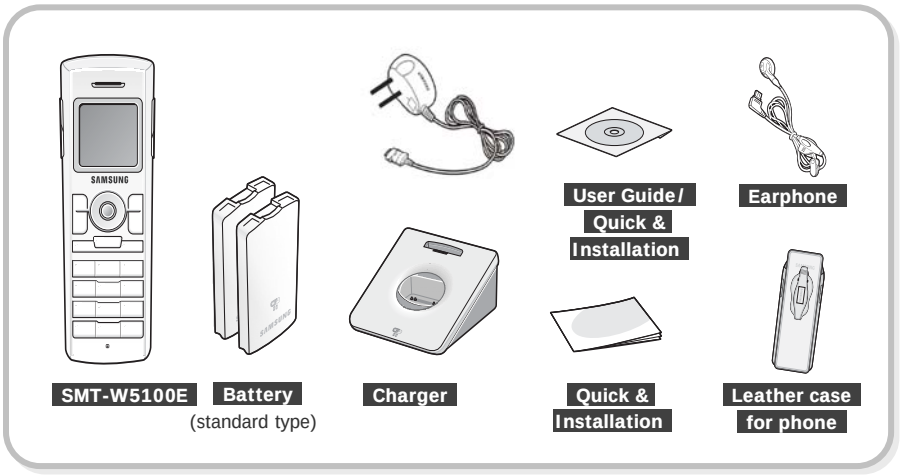
Name	Button	Description
Headset Connection Hole	-	Used when connecting the Headset.
Backlight Button		Used when illuminating the display and keypad.
Navigation Buttons		Used when moving the menu bar upward or entering the soft menu.
		Used when moving the menu bar downward or entering the volume/ring menu.
		Used when moving the menu bar to the right direction or entering the phonebool menu.
		Used when moving the menu bar to the left direction or entering the message menu.
		Used when selecting or saving the selected item for function settings.
Speaker Button		Used When selecting speaker phone function.
End/Power Button		Used when turning the power on/off, when returning to the initial screen or when terminating the call.
Cancel Button		Delete characters from display or in menu mode return to previous menu.
Hold Button		Used when holding a call.
Dial Buttons		Used when dialling or entering characters.
Auto Key Lock		Used when applying the automatic key lock.
Microphone	-	Microphone
Vibration mode Button		Used when applying the Vibration mode.
Transfer Button		Used when transferring a call.
Send Button		Used when calling or receiving a call.
Menu Button		Used when entering the menu mode.
LCD Screen	-	Display the Menu, Call Number and Icons.
Volume Button		Used when controlling the volume of voice or key tone.
Speaker	-	Speaker

Icon (Display) Description

Button Names	Features
	This indicates the signal intensity. : weak signal : strong signal
	This turns on when the service is not available.
	Blinks when trying to make a call and turns on when a call is connected.
	The status that indicates an alarm is set.
	When a message is received.
	Vibration function or vibration function is enabled.
	Indicates that the automatic key lock is enabled.
	Indicates that the ring type is set as light only(silent).
	Indicates the battery charging level. : fully charged : sufficient : insufficient : needs to be charged immediately

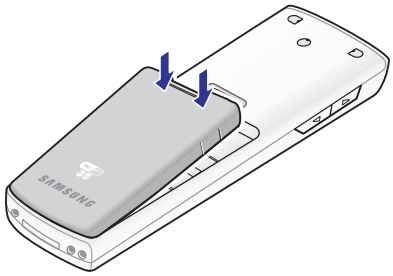
Unpacking

After purchasing the SMT-W5100E phone, you have to check that the following items have been packed in the box.



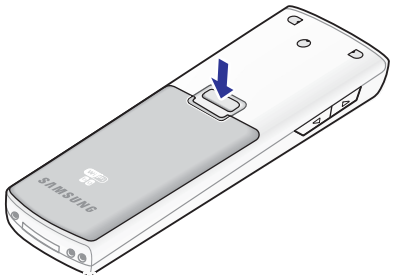
Installing the Battery

1. Put the lower part of your battery, and then install the battery by pressing the upper part.

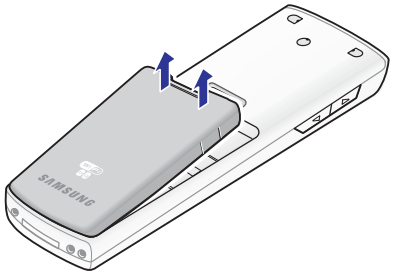


Removing the Battery

1. Press the button and the battery is separated and raised as shown in the figure below.



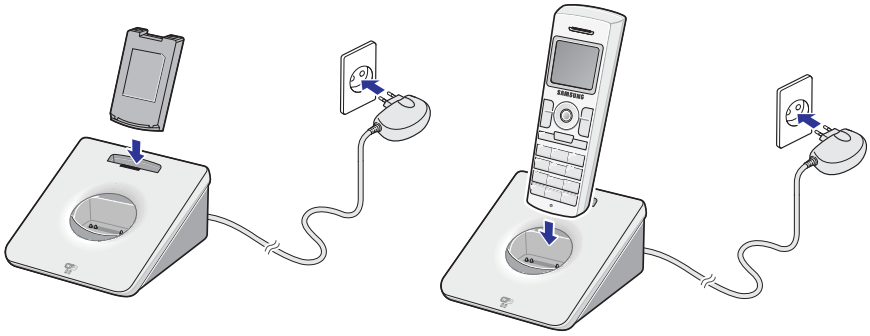
2. Lift up and remove the battery.



Charging the Battery

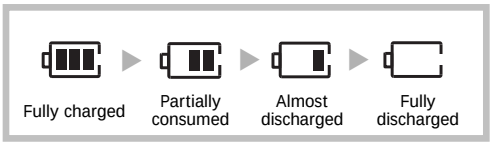
After checking each component of the phone, charge the battery as shown in the figure below.

Charging the battery ..... Charging the battery with phone .....



Checking the Battery Status

The battery status can be checked by looking at the battery status icons given below that appear on the LCD panel of the phone.



Battery charge

When using the phone for the first time after purchase, fully charge the battery before use since the battery may be discharged.

Low Battery Indication

When the battery power is completely discharged, the phone makes a warning sound and the battery icon starts to blink. It is recommended to change to a new battery or charge the battery immediately.

If the phone is still used after the warning sound and blinking, the battery will be completely discharged and the power will automatically go off.

BASIC FEATURES

To Turn the Power On

Press the button for more than 2 seconds.

When power is on without the registration, the 'Unregistered' message will be displayed.

Register the phone according to the following procedure**:**
[MENU] → [8.System] → [1. Registration].
For more details, refer to descriptions in **[System]** of **'Application Menus'**.

To Turn the Power Off

Press the button for more than 2 seconds.

And then the phone automatically turns off.

Making a Call

There are several ways to make a call for the convenience of you. However, only the basic function will be introduced in this guide.

Refer to 'Phone Book' section in 'Application Menus' of this guide for how to use the latest originating number, latest called number, directory or abbreviated dial numbers.

Using the Dial Keypad

1. Press the phone number.
   - Use the **dialling pad** to enter the required number. The telephone number will appear on the display.
   - Press the **[Cancel]** button for a short time to modify an incorrectly entered number, one by one. Press the **[Cancel]** button for a long time to completely delete all the incorrectly entered numbers at once.

2. Press the button.

   • Press the button to hang up the phone.

Using the Call Logs

You can view not only the latest calls or received phone numbers but also absent subscriber messages.

This is achieved by simply selecting the desired phone number for information or to make a call.

1. Press the button.

2. Using the buttons to view the call history.

   • : Latest received number

   • : Latest called number

   • : Missed call

3. Select the phone number and press the button.

Maximum saved number

The maximum of up to 297 phone numbers can be saved in the list.

If they are all filled up, the oldest phone number will be erased when a new phone number is saved.

Answering a Call

Press any button except **[Volume]** button, or(Button) to start a conversation while the phone is ringing.

You can set how to answer the incoming call '7. Phone Settings' from Application Menu' in this guide.

Volume Adjustment

You can adjust the key button volume, and voice volume from the other party.

Key Button Volume Adjustment

You can adjust the volume with key button while on the phone.

Select the one of 5 volume levels you want by pressing the **[Volume]** button in the initial screen.

If a key is pressed during a call, the key tone will not be played unless when using an earphone.

Voice Volume Adjustment

While having a conversation on the phone, you can adjust the voice volume from the other party.

Select the one of 5 volume levels you want by pressing the **[Volume]** button while having a conversation.

Setting the Vibration Mode

For not interrupting other people in public places or during a meeting, you can set the phone to vibration instead of ringing.

To Set up the Vibration Mode

Press the button for more than 2 seconds on the initial screen. Then the Vibration mode icon will be displayed on the top of phone screen and the phone will vibrate instead of ringing if there is an incoming call.

To Disable the Vibration Mode

Press the button for more than 2 seconds on the initial screen. Then the Vibration mode icon disappears and the Vibration mode will be disabled.

Setting the Automatic Key Lock

In order to protect your privacy, this function prevents others from viewing your information.
When the automatic key lock is set, no keys of the phone will work, and functions other than answering a call cannot be used. until you disable the Automatic Key Lock.

To Set up the Automatic Key Lock

Press the button for more than 2 seconds on the initial screen.

Then, the screen will display the automatic key lock icon .

To Disable the Automatic Key Lock

Press the button for more than 2 seconds on the initial screen.

And then the automatic key lock function is disabled.

Entering Characters

This section describes how to enter uppercase/lowercase English characters and special characters.

Buttons Used for Entering Characters

The buttons used for entering the characters are as follows.

- **[MENU]** button: Screen for entering **[ENG(uppercase)]** appears first and a menu bar prompting you to select **[eng(lowercase)/Sym(Special character)]** on the lower part of the screen.
- button:

  Enter the desired characters from **[ENG/eng/Sym]**.

  Note: [_ _] is for two digit speed dial number.

How to enter uppercase and lowercase

Pressing the **[MENU]** button allows you to enter English Uppercase letters automatically and to select one type from the **[ENG/eng/Sym]** located on the lower part of the screen using

the buttons.

Then, the screen will provide an input field for the character type you selected and the other two character types will appear on the menu bar.

For example, if **[MENU]** is selected, **[ENG/eng/Sym]** will appear on the menu bar.

Press the buttons to move the cursor.

Modify the desired characters using the **[Cancel]** buttons and place the cursor on the appropriate location to insert the characters. If a character to be entered is the same as the last

entered character, press the buttons to move the cursor right one space.

Count / Dial Button	1	2	3	4	5	6	7	8	9	10
0	'space'									
1	.									
2	A	B	C							
3	D	E	F							
4	G	H	I							
5	J	K	L							
6	M	N	O							
7	P	Q	R	S						
8	T	U	V							
9	W	X	Y	Z						
*****	/									
#	@									

To enter characters, press the button where a desired character is displayed repetitively to display the next character.(e.g., If the number **[5]** button is pressed, the character 'J' is entered. If the **[5]** button is pressed once more, the 'K' is entered.)

How to Enter Special Characters

Press the **[MENU]** button and select **[Sym]** from the menu bar on the lower part of the screen. Then the special characters are displayed in the same order.

+ - / * = . , \ ! ? _ : ; [ ] ( ) " & @ ~ ' ^ %
# $ < > | ' { }

Select desired special characters using the buttons and press the **[OK]** button to enter the haracter on the screen.

How to Enter Numbers

Press the dial button for more than 2 seconds so that numbers are entered **irrespective of** which character has been selected from out of the English Uppercase/English Lowercase/Special Characters has been entered.

Features on a Calling Failure

This section describes functions that can be used for internal calls when the other party is busy or when a call cannot be connected due to features such as 'Do Not Disturb', set by the other party.

Call Back

If an internal call cannot be connected, you can reserve the call.

1. If the other party does not answer your call or if he or she is in 'Busy' or in 'Do Not Disturb' status, press **[MENU]** button.

2. Press the button and move to **[1. Call Back]**.

3. Press the **[OK]** button.

   - Your phone will ring when the other party either finishes the call or clears the DND function. Once you pick up your phone, the phone of the other party starts to ring.

Station Message

If an internal call cannot be connected, you can send a message.

1. If other party is not answering, 'busy' or 'rejecting call' is set, then press the **[MENU]** button**.**

2. Press the button and move to **[2.Message]**

3. Press **[OK]** button.

   - The icon appears on the other party's phone.
   - The other party can check the message(phone number) by pressing **[MENU] → [5.Soft Menu] → [1.Station Msg.]**.

Camp On

When you call another station and receive a busy signal you can use "camp on" to alert the station.

1. If other party is not answering, 'busy' or 'rejecting call' is set, then press the **[MENU]** button**.**

2. Press the button and move to **[3. Camp On]**

3. Press **[OK]** button.

   - When the other party received the camp on tone, he can place the current call on hold to answer to the second call.

Features Used During a Call

These convenient functions may be used during a call.

Mute on a Call

This is used to block your voice from your phone during a call. But you can still hear the other party.

1. Press the **[MENU]** button during a phone conversation.
2. Press the button and move to **[1. Mute]**.

3. Press the **[OK]** button.

Conference Call while on the Phone

Setting function for conference call while on the phone.

1. Press the **[MENU]** button while on the phone with other party.
2. Select the **[2. Conference]** using button.

3. Enter the 3rd party phone numbers who wants to participate in a conference.

4. When the call is connected with the 3rd party, press the **[MENU]** button and select the **[2. Conference]**. Then press the **[MENU]** button once more and select the **[2. Conference]** to start the conference. If you want to delete the one member while in a conference, press the **[MENU]** and select the **[2. Conference]** and enter the member's phone number that you want to delete when the 'make next call' message appears.

Call Transfer

This function allows to transfer a call to the other party during a call conversation.

1. Press the **[Transfer]** button during the conversation.
2. Press the call number to be transferred.
3. Press the **[End]** button to disconnect the call.
4. Press the **[Transfer]** button again in transfer mode to resume the call with the previous caller again.

Holding a Call

This is used to hold a call for a while during a phone conversation.

1. Press the **[Hold]** button during the conversation.
2. Re-press the **[Hold]** button in standby status to resume the hold call.

Right Navigation Key

If you press the Right arrow key during a call, a menu will appear allowing you to save telephone numbers.

- You can save the telephone number of the present caller.
- You can dial a number using the Phonebook.
- You can dial a number using the Call list.

Station Call Pickup

To pick up (answer) a call at another station.

1. Press **[6]**, **[5]** and .

2. Press the extension number of the ring phone.

APPLICATION MENUS

Menu Structure

Press the **[MENU]** button in idle mode. The main application menu will appear on the screen.

The Menu screen displays the functions-Phone Book, Utilities, Message, Soft Menu, Volume/Ring, Phone Settings, System and Help as icons.

1. Phonebook

- 1 Find Number
- 2 Outgoing Calls
- 3 Incoming Calls
- 4 Missed Calls
- 5 New Entry
- 6 Delete List

2. Utilities

- 1 Alarm
- 2 Schedule
- 3 Calculator
- 4 World Time
- 5 Conversion
- 6 Timer

3. Message

- 1 STN Msg
- 2 VM Msg

4. Volume/Ring

- 1 Incoming calls Tone
- 2 Connection Tone
- 3 Key Tone
- 4 Warning Tone

5. Soft Menu

- 1 Station Msg
- 2 DoNotDisturb
- 3 Page
- 4 Conference

6. Call Forward

- 1 Disable
- 2 All Calls
- 3 Busy Calls
- 4 No Answer
- 5 Busy/No Answer
- 6 DoNotDisturb

7. Phone Settings

- 1 Phome Name
- 2 Background
- 3 Password
- 4 Language
- 5 Back Light
- 6 LCD Contrast
- 7 Call Setting
- 8 Reset
- 9 Program Msg
- 0 Phone Lock
- * Intern. Lock
- # Call Answer

8. System

- 1 Registration
- 2 Encryption Key
- 3 Unregistration
- 4 QoS(WMM)
- 5 MAC Address
- 6 Version Info

9. Help

- 1 Function Desc
- 2 Troubleshooting

Phone Book

Press the **[MENU]** button in idle mode, and then select the **[1. Phone Book]** icon to find out various methods to make a call.

Find Number

This function allows you to search a phone number by name, number and location.

Search by Name

You can search and make a call the desired phone number using a name.

[MENU] ▶ **1. Phone book** ▶ **[OK]** ▶ **1. Find Number** ▶ **1. By Name** ▶ **Enter a name** ▶ **[OK]** ▶ ◠◡ ♫ ▶ ✆

If you press the **[OK]** button without entering a name, all the numbers in the list saved will be displayed.

When entering a name, press the first letter of that name and hit the **[OK]** button. Then, all the names which include that letter will be displayed and the related phone number list will show up automatically. (e.g., Enter the name 'J' in the input field and press the **[OK]** button. All the names including 'J' will be listed.)

Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.

Use the ◠◡ ♫ buttons to move between phone number, and press ✆ to make the call.

Search by Number

You can search and make a call the desired phone number using a phone number.

[MENU] ▶ **1. Phone book** ▶ **[OK]** ▶ **1. Find Number** ▶ **2. By Number** ▶ **Enter a phone number** ▶ **[OK]** ▶ ▶

If you press the **[OK]** button without entering a number, all the numbers in the list saved will be displayed.

The phone number list including the related phone number will be displayed in the order of addresses.(e.g., When '2' is entered, the following phone lists which include '2' and corresponding phone number will be displayed.)

Use the buttons to move between phone number, and press to make the call.

Search by Location

You can search and make a call the desired phone number using a speed dial number.

[MENU] ▶ **1. Phone book** ▶ **[OK]** ▶ **1. Find Number** ▶ **3. By Location** ▶ **Enter a speed dial number** ▶ **[OK]** ▶

If you press the **[OK]** button without entering a speed dial number, all the numbers in the list saved will be displayed.

This function allows you to make a call to the desired party by simply pressing a speed dial number for longer than 2 seconds. For example, if the number '123456' is saved to the **[1]** button, you can simply press the **[1]** button until a call is connected to '123456'.
This function works only on the initial screen.

If the speed dial number is more than two digits, press the last number of the two digits for a long time.

Modifying/Deleting Phone Number

This is the method to modify or delete the saved phone number.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 1. Find Number ▶ 1/2/3 ▶ Enter Name/Phone number/Speed dial number ▶ [OK]

▶ ▶ [MENU] ▶ 1. Edit ▶ Modify phone number ▶ [OK]

To delete the phone number, select **[2. Delete]**.

Using the **[Cancel]** button and dial buttons, modify the phone number and press the **[OK]** button to save it.

Outgoing Calls

After view only the latest dialed phone number, select the desired phone number and make a call.

- : Latest received number
- : Latest called number
- : Failed call

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 2. Outgoing Calls ▶ (Select the phone number) ▶ [OK] or

The maximum of up to 99 phone numbers can be saved in the list.
If they are all filled up, the oldest phone number is erased when a new dialed phone number is saved.

Incoming Calls

After view only the latest received phone number, select the desired phone number and make a call.

- : Latest received number
- : Latest called number
- : Failed call

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 3. Incoming Calls ▶ (Select the phone number) ▶ [OK] or

The maximum of up to 99 phone numbers can be saved in the list.
If they are all filled up, the oldest phone number is erased when a new received phone number is saved.

Missed Calls

After view only the latest missed phone number, select the desired phone number and make a call.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 4. Missed Calls ▶ (Select the phone number) ▶ [OK] or

The maximum of up to 99 phone numbers can be saved in the list.
If they are all filled up, the oldest phone number is erased when a new received phone number is saved.

New Entry

This function allows you to save the new phone number by using the menu function.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 5. New Entry ▶ Enter name, phone number(home, station, mobile), speed dial number ▶ [OK]

You can directly enter the phone number on the idle mode, and save that number using the button.

Enter the name that you want to save by using the dial buttons(up to 10 characters). Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.

Delete Lists

This function enables you to delete phone numbers registered in the phone book or calling numbers and called numbers.

[MENU] ▶ **1. Phone book** ▶ **[OK]** ▶ **6. Delete List** ▶ **[OK]**
▶ **1. Del Phone Book** ▶ **Enter a Password** ▶
(Yes/No)
▶ **[OK]**

- To delete the list of calling numbers saved in the phone book, select **[2. Del Outgoing]**.
- To delete the list of called numbers saved in the phone book, select **[3. Del Incoming]**.
- To delete the list of missed call numbers saved in the phone book, select **[4. Del Missed]**.
- To delete the list of all numbers saved in the phone book, select **[5. Del All]**.

Speed Dialling

1. Press and hold the last digit of the speed dial list.
   - Example: Speed dial list 01 is 99728896700.
   - Press 0, 1, and hold 1 will dial 99728896700.

   Note: Speed dial list can be assigned from the phone book item.

Redial

1. Press button.
2. Select the list by pressing or button.
3. Press button to dial.

Utilities

Press the **[MENU]** button in idle mode, and then select the **[2. Utilities]** icon.

Alarm

You can set or disable the alarm.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 1. Alarm ▶ [OK] ▶
1. Set Alarm
▶ [OK] ▶ **(Select alarm interval) ▶ [OK]**
▶ Enter alarm time ▶ [OK]

- To disable the alarm, select **[2. Reset Alarm]**.
- To change the alarm melody, select **[3. Alarm Melody]**. You can choose one among 5 melodies.

When the alarm is set, the alarm icon will appear on the screen.

Schedule

This function allows you to enter important tasks or appointments and then set the phone alarms on those dates. So, you can easily use this function to manage a personal schedule. If the alarm is set up as mute, you can directly check what the schedule is on the screen.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 2. Schedule ▶ [OK] ▶
Select dates ▶ [OK] ▶ Enter time, contents
▶ Select Melody ▶ [OK]

Select melody type using button.

Modifying/Deleting Schedule

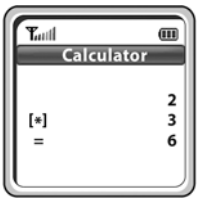
This function allows you to modify or delete the registered schedule.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 2. Schedule ▶ [OK] ▶ Select dates ▶ [OK] ▶ select schedule list ▶ [MENU] ▶ 1. Modify ▶ Modify Time/contents/melody ▶ [OK]

To delete a schedule, select **[2. Delete]**.
To add a schedule, select **[3. Add]**.
To delete all schedule, select **[4. Delete All]**.

Calculator

This function allows you to do four arithmetical operations(addition, subtraction, multiplication and division) in a simple way.



[MENU] ▶ 2. Utilities ▶ [OK] ▶ 3. Calculator ▶ [OK] ▶ Enter numbers ▶ (Select arithmetical operation symbol) ▶ Enter numbers ▶ [OK] ▶ The result is displayed.

- When entering negative numbers, press [#] button.
- When incorrect numbers are entered, press the **[CANCEL]** button.

Press the button to reuse the result.

Press the **[CANCEL]** button to reset or the button to terminate.

World Time

This function allows you to check current date and time in each region of the world.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 4. World Time ▶ [OK] ▶ (Move the meridian line) ▶ the corresponding time of each capital name will be shown.

Time and date of other cities

Move the meridian line to the city where you are located and press the **[OK]** button. Time and date of other cities will be displayed based on your location.

Conversion

This function allows you to convert a variety of units(length/weight/volume/ area /temperature). After entering a value, you may select a unit and convert the value into another unit.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 5. Conversion ▶ [OK] ▶ 1. Length / 2. Weight / 3. Volume / 4. Area / 5. Temperature ▶ [OK] ▶ Enter values ▶ (Select a desired conversion unit)

Timer

This function raises an alarm after a preset time is elapsed when you set the time.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 6. Timer ▶ [OK] ▶ Press the [speaker phone] button to select [Set] ▶ Enter a desired time ▶ [OK] ▶ Press the [Menu] button to select [Start]

If you want to pause the timer for a while, press the **[MENU]** button to select **[Stop]**.

Message

Press the **[MENU]** button in idle mode, and then select the **[3.Message]** icon.
This menu allows you to check an extension message or a voice message.

Station Message

You can send a reply by checking messages received from an extension on the busy state.

[MENU] ▶ **3. Message** ▶ **[OK]** ▶ **1. STN Msg** ▶ **[OK]** ▶ (**Select a station number**) ▶ **[OK]** ▶ **1. Reply** ▶ **Call is connected.**

To delete the message, select **[2. Delete]**

Voice Message

This function allows you to listen to the voice message.
This function is available after installing VMS and setting a VMS group.

[MENU] ▶ **3. Message** ▶ **[OK]** ▶ **2. VM Msg** ▶ **[OK]**

Make a call to a VMS number by pressing the **[OK]** button, and you can listen to the voice message left in accordance with the voice message.

Volume/Ring

Press the **[MENU]** button in idle mode, and then select the **[4. Volume/Ring]** icon.

You can press the in idle mode to perform the same function.

Incoming Calls Tone

Ring Type

You can select the modes of call sound such as the ring, vibration, ring after vibration and Light only.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK]
▶ 1. Ring Type ▶ [OK] ▶ (Ring/Vibrate/Vibrate/Ring /Light only) ▶ [OK]

Setting Vibration mode

For information about how to set the Vibration mode, refer to the description of 'Setting the Vibration Mode' section in 'Basic Features' of this guide.

Ring Tone

This function enables you to select one bell melody out of a selection of 16 melodies.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK]
▶ 2. Ring Tone ▶ [OK] ▶ (Select Melody) ▶ [OK]

Ring Volume

This function enables you to adjust the bell volume.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK]
▶ 3. Ring Volume ▶ [OK] ▶ (Select bell volume) ▶ [OK]

You can adjust the volume of the bell by using the **[Volume]** button.

Connection Tone

This function enables to set an alarm in call connection.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 2. Connection Tone ▶ [OK]

▶ **(Select On/Off) ▶ [OK]**

Key Tone

This function enables you to set the type of key tone.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 3. Key Tone ▶ [OK]

▶ **[1. Default/2. Piano/3. RainDrop] (Select the tone type) ▶ [OK]**

Warning Tone

This function enables you to hear a warning tone when you move to a shadow zone during a call.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 4. Warning Tone ▶ [OK]

▶ **(Select On/Off) ▶ [OK]**

Soft Menu

Press the **[MENU]** button in idle mode, and then select the **[5. Soft Menu]** icon.

Station Message

You can send a reply by checking messages received from an extension on the busy state

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 1. Station Msg ▶ [OK]

▶ **(Select a station number) ▶ [OK] ▶ 1. Reply ▶ Call is connected.**

To delete the message, select **[2. Delete]**

Do Not Disturb

You can deny all of call requests anytime you want to.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 2. Do Not Disturb ▶ [OK] ▶ 1. On ▶ DND mode is set up.

To disable DND mode, select **[2. Off]**.

When DND(Do Not Disturb) mode is set up, the 'DND' message and the icon will appear on the initial screen.

Page

This function allows you to page through your phone at the specific area in the system.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 3. Page ▶ [OK] ▶

(Select page zone) ▶ [OK] ▶ My voice is announced through the phone.

Conference

You can call multiple parties to have a conversation in one channel. Up to **five** persons, including the person holding the conference, can participate in a conference call.

Loading Conference Group

You can load a conference group from the system and have a conference with the group.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 4. Conference ▶ [OK] ▶ 1. Group Conf. ▶ [OK] ▶ 1. Load ▶ [OK] ▶ Group list is displayed ▶ **(Select a group) ▶ [OK] ▶ Group members are connected ▶**

To modify or delete the group, press the **[MENU]** button and then select **[1. Edit]**, or **[2. Delete]**.

Saving Conference Group

Members that are frequently called upon for a meeting can be saved to the system as a group. A group saved to the system can be conveniently used later by selecting 'Group Conference'.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 4. Conference ▶ [OK] ▶ 1. Group Conf. ▶ [OK] ▶ 2: Save ▶ [OK] ▶ Entering group name ▶ [OK] ▶ Enter phone number of member ▶ **▶ Enter phone number of next member ▶ [OK]**

Entering Each Member

You can have a conference by entering directly phone number of each member.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 4. Conference ▶ [OK] ▶ 2. Each Conf. ▶ [OK] ▶ Enter phone number of member ▶ [OK] ▶ ▶ Enter phone number of next member ▶ [OK] ▶

The mark means that you have completed entering the phone number.

The mark means that you have failed the call connection.

The mark means that you have connected with the member.

Retrieving the number

You can retrieve a conference group or a phone number saved in the phone by pressing **[MENU]** button at the phone number entry screen.

Call Forward

Press the **[MENU]** button in idle mode, and then select the **[6. Call Forward]** icon. This feature enables you to forward your incoming calls to a specific extension, group of extensions or external number when you are unable to receive an incoming call.

[MENU] ▶ **6. Call Forward** ▶ **[OK]** ▶ **(Select forward type)** ▶ **[OK]** ▶ **Enter a forwarded number** ▶ **[OK]**

< Forward type >

- To disable the forward mode, select **[1. Disable]**.
- To forward all incoming calls, select **[2. All Calls]**.
- To forward incoming calls when you are using the phone, select **[3. Busy Calls]**.
- To forward incoming calls when you cannot answer within the specified time, select **[4. No Answer]**.
- To forward incoming calls when you are busy or cannot answer within the specified time, select **[5. Busy/No Answer]**.
- To forward incoming calls when DND mode is set up, select **[6. Do Not Disturb]**

When the forward mode is set up, the 'FWD' message will appear on the initial screen.

NOTE

To use the **[5. Busy/No Answer]** function, the **[3. Busy Calls]** and **[4. No Answer]** functions must be set.

Phone Settings

Press the **[MENU]** button in idle mode, and then select the **[7. Phone Settings]** icon. The submenus are not displayed until a password is entered.

Phone Name

This function enables you to enter random characters on the screen displayed on the initial screen.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 1. Phone Name ▶ [OK] ▶ Enter your name ▶ [OK]

Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.

Name display

If you save your name in your phone, your name will be displayed on the other party's phone when you are connected to another party(intercom user).(This applies only when your phone number is not saved in the phone book of the intercom user.)

Background

This function enables you to select the background of the initial screen that appears when power on.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 2. Background ▶ [OK] ▶ [1. Red Ball / 2. Blue Ball / 3. Display Name / 4. Display Time] (Select a screen) ▶ [OK]

Password

This function enables you to prevent others from using your phone by changing the initial factory set password of the phone. The initial password is set to 0000.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 3. Password ▶ [OK] ▶ Enter new password ▶ [OK] ▶ Enter new password again ▶ [OK]

Language

This feature enables you to set the language displayed on the screen of the phone.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 4. Language ▶ [OK] ▶ (Select language) ▶ [OK]

Back Light

This function enables you to set the intensity of the lighting on the phone screen.

Lighting Time

This function enables you to set the time for background lighting, which lights automatically when the keys are pressed or a messages appears.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 5. Back Light ▶ [OK] ▶ 1. Light Time ▶ [OK] ▶ (Select light time) ▶ [OK]

The lighting of the LCD screen turns off automatically unless a button is pressed within 8 seconds. You can also set the lighting duration to 20 seconds or turn off the lighting altogether.

Select 'Always Off' to disable the light at all times.

Power Save

You can set the mode of the energy-saving lighting.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 5. Back Light ▶ [OK] ▶ 2. Power Save ▶ [OK] ▶ 1. On ▶ [OK]

To disable the Power Save mode, select **[2. Off]**.

LCD Contrast

This feature support to set the LCD contrast if you want to change it.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 6. LCD Contrast ▶ [OK]

Call Setting

This function allows the call to remain on when the handset is placed on the charger.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 7. Call Setting ▶ [OK]

Reset

This function enables you to initialize all the functions and status of a phone.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 8. Reset ▶ [OK] ▶ (Select reset option) ▶ [OK] ▶ Enter a password ▶ (Yes/No) ▶ [OK]

- To reset the status of a phone, select **[1. Reset All]**. All the saved records as well as the phone options are deleted.
- To reset the options for the phone functions, select **[2. Reset Func.]**.

Program Msg (Programmed Message)

This funtion enables to advise your absence by sending a programmed message to the caller, when you are in absence.

[MENU] ▶ **7. Phone Settings** ▶ **[OK]** ▶ **Enter a password** ▶ **9. Program Msg** ▶ **[OK]** ▶ **1. On** ▶ (**Select a message**) ▶ **[OK]**

To cancel the programmed message setting, select **[2. OFF]**

Up to 20 programmed message can be selected.

In the programmed message setting, the programmed message is displayed on the caller's phone screen, when the called attempt to call you.

Phone Lock

When the Phone lock is set, no keys of the phone will work, and functions other than answering a call cannot be used until you enter the password.

[MENU] ▶ **7. Phone Settings** ▶ **[OK]** ▶ **Enter a password** ▶ **0. Phone Lock** ▶ **[OK]**

Intern. Lock (Internal Lock)

This function enables to lock incoming/outgoing calls to prevent others from using your phone without permission.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ *. Intern. Lock ▶ [OK] ▸ (Select lock option) ▸ [OK]

- To disable the lock function, select **[1. Unlock]**.
- To lock an outgoing trunk call, select **[2. Lock Outgoing]**. At this time, outgoing(incoming) calls are allowed.
- To lock all outgoing/incoming trunk/station calls, select **[3. Lock All Calls]**.

If the lock mode is set up, 'LCK' for 'Lock Outgoing', 'LCK' and 'Self-number:LOCKED ALL' for 'Lock All Calls' are displayed on the phone screen, respecitively.

Call Answer

This function enables you to select the Call Answer Mode for how to answer the incomming call.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ #. Call Answer ▶ Select the Mode ▶ [OK]

You can answer a call by pressing the any button or **[SEND]** button according to the selecting mode.

System

Press the **[MENU]** button in idle mode, and then select the **[8. System]** icon.

Registration

This function enables to register a phone to the wireless LAN system(main system). The phone is available only after registered to the system.

DHCP Mode

This function enables to register a phone to the system using a dynamic IP address.

User ID: Enter a user ID for a phone registered in the system. The default ID is 1212.

Password: Enter a user password for a phone registered in the system. The default password is 0000.

1. Enter the SSID and press the [OK] button.
   SSID: Enter the ESSID set in the WLAN connection device. Consult the system administrator to verify the ESSID.
   Press and hold the dial key to enter numeric digit.

2. Enter the user ID.

3. Enter Password set in the system.

4. Set the feature On/Off of WMM (WiFi MultiMedia).

5. Select the Encryption Mode.

6. In case a WEP key has been enabled, select ASCII Mode or HEX Mode to enter the WEP Key.

7. In case a WPA_PSK or WPA2_PSK key has been enabled, select AES Mode or TKIP Mode to enter the Encryption Key.

8. Enter the Encryption key and press the **[OK]** button.
   - Encryption key: Enter the Encryption key into the WLAN connection device. Refer to your system administrator to verify the Encryption key.
   - If no Encryption key is present, leave it blank and press **[OK]**.

9. The telephone has been successfully registered.

Static IP Mode

This function enables to register a phone to the system using a fixed IP address.

1. Enter a phone IP address.

2. Enter the System IP address.

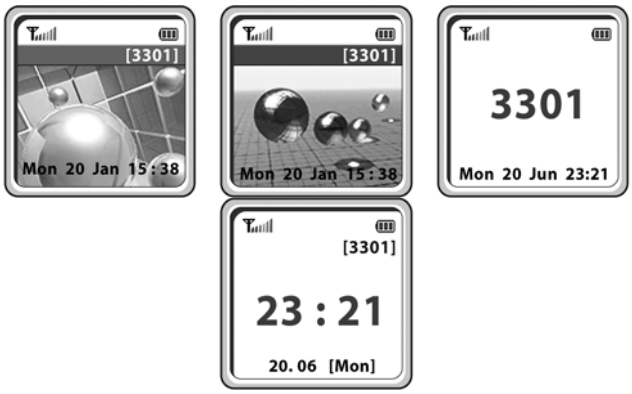
3. Enter the System Gateway.

4. Enter the System Netmask.

5. The next steps are the same as Step 1 to 9 of DHCP mode registration.

If the problem is not solved, follow the troubleshooting procedure described in **'Phone registration failure'** of 'Annex', and if the problem is still not solved, contact the system administrator, reseller, or the service center.

- For the initial screen, one display can be selected from 4 displays.



Initial Screen

Refer to '7. Phone Settings' section in 'Application Menus' of this guide for selecting the initial screen.

Encryption key

You can set the encryption key in the system which should be entered when you register the phone. You can register the phone to the system only by additionally setting or clearing the encryption key without having to enter the system information again.

[MENU] ▶ 8. System ▶ [OK] ▶ 2. Encrypton Key ▶ [OK] ▶ [1. Disable / 2. WEP / 3. WPA_PSK / 4. WPA2_PSK] (Select Encryption key) ▶ [OK] ▶ [1. ASCII Mode / 2. HEX mode] or [1. AES Mode / 2. TKIP mode] (Select Encryption mode) ▶ [OK] ▶ Enter encryption key ▶ [OK]

Consult the system administrator and enter the value set on the system.

Unregistration

A mobile handset which is presently registered to a base station can be manually registered to another base station which is within radio range. Phones currently registered in the base station can be registered in other base stations within the range of radio frequency by hand. This function enables a user to clear the registration information stored in the wireless phone(SMT-W5100E) when the wireless phone is registered in the system. The user should check the user password before performing the unregistration function.

[MENU] ▶ 8. System ▶ [OK]
▶ 3. Unregistration ▶ [OK]

The menu options which are necessary to register the mobile handset to a new base station will then be displayed.

If you enter the network information on the base station(e.g., SSID and/or encryption), Mobile handsets will be registered to the base station.

Before execute the **[Unregistration]**, double check whether this function should be executed since all phone information registered to the system will be deleted.

QoS (WMM: WiFi MultiMedia)

This function allows you to set the feature On/Off of WMM (WiFi MultiMedia).

[MENU] ▶ 8. System ▶ [OK] ▶ 4. QoS (WMM) ▶
[OK] ▶ (Select On/Off) ▶ [OK]

MAC Address

This function enables to show the unique MAC address for each terminal.

[Menu] ▸ 8. System ▸ [OK] ▸ 5. MAC Address
▸ [OK] ▸ Check MAC Address

Version Info

You can find out the version number and the date of the software of your handset.

[MENU] ▶ 8. System ▶ [OK] ▶ 6. Version Info ▶ [OK]

Help

Press the **[MENU]** button in idle mode, and then select the **[9. Help]** icon.

Function Description

For the convenience of users, Function Descriptions provides some helps on using functions.

[MENU] ▶ 9. Help ▶ [OK] ▶ (Select the function description) ▶ [OK]

Soft Menu: Briefly describes SoftMenu including Station Msg, DoNotDisturb, Page and Conference.

Phone Settings: Briefly describes Call Forward, Program Msg, and Intern. Lock.

Busy Call Function: Briefly describes the functions to be used during a call, such as Call back, Station Msg, Camp On, Transfer, Hold, and Mute.

Troubleshooting

When any problem occurs in your station, you can fix the problem with this menu.

[MENU] ▶ 9. Help ▶ [OK] ▶ (Select the Troubleshooting description) ▶ [OK]

This menu describes how to troubleshoot some issues, such as No ring tone, Howling, Can't Make a Call, Unregisterable, Call Disconnect and No Operation.

TROUBLESHOOTING

Possible problems and troubleshooting steps for your phone are described below.
Check the troubleshooting steps before contacting your Authorized Samsung Reseller.

The LCD does not light up.

Battery is discharged. Recharge the battery and turn the phone on again.

The bell does not ring or the ring sound is too small.

- Check if the phone is set to Vibration mode.
- Adjust the volume at **[MENU] ▶ [4. Volume/Ring] ▶ [1. Incoming calls] ▶ [3. Ring Volume]**.

The lamp on the charger flashes yellow.

- Take the battery out from the charger and put the battery in again.
- If the yellow light continues to flash, clean the charging phones of the charger.
- If the yellow light continues to flash despite the above measures, contact the Samsung Electronics service center.

The battery is not empty but the phone does not turn on.

- Take the battery out and put it in again, and turn the phone on.
- Take the battery out, clean the charging phones of the battery. Then put the battery back in, and turn the phone on.

Voices echo during a call.

Press the **[Volume]** button and adjust the volume or move to another area.

The indicator appears on screen and calls cannot be made.

- Your phone may not be registered on the system. Use the phone after registration.
- Move to an area where service can be provided.
- Check if the power of the system or AP is on.
- If the phone does not work despite the above measures, contact the Samsung Electronics service center.

Phone registration failure.

- Check if the power of the system or AP is on and reregister the phone.
- Move to a serviceable area of the system or AP and reregister the phone.
- If the problem is not solved, contact the Samsung service center.

Calls are disconnected frequently.

- Move to another area since the frequency is unstable.
- If calls are still disconnected frequently, contact the Samsung Electronics service center.

The phone operates abnormally or does not operate at all.

Take the battery out and insert it again, and turn the phone on again. If the problem continues, contact the Samsung Electronics service center.

ANNEX

Product Specifications

The specifications of the SMT-W5100E are as follows.

Items	Specification
Model Name	SMT-W5100E
Frequency	2400~2483.5 MHz
Size(mm)	46(width) × 138.4(length) × 18(height)
Operating Temperature	0~45˚C
Operating Humidity	0~90%
Weight	106.5 g (3.75 oz)
Battery Charge Time	3.5 Hour(Li-Ion)
Battery Duration	Call duration: 4 Hours Standby duration: 40 Hours